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**Cc:** [R6\\_DWH\\_Info@EPA](#)  
**Subject:** Fw: Deepwater Horizon Situation Report # 30 - Region 6  
**Date:** 05/28/2010 07:44 AM  
**Attachments:** [Deepwater Horizon REOC Situation Report\\_30.pdf](#)  
[WQ Situation Update #20\\_5-27-2010\\_.pdf](#)

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----- Forwarded by Nancy Jones/R6/USEPA/US on 05/28/2010 07:39 AM -----

## Deepwater Horizon Situation Report # 30 - Region 6

**Matthew Loesel** to: Al Armendariz, Althea Foster, Ben Harrison, Betty Brousseau, Betty Williamson, bhattacharya.dipanjana, Carl Edlund, Carmen Assunto, Chad Nitsch, Charles Faultry, Chris Petersen, Chris Petersen, Craig Carroll, Craig Carroll, Cynthia Fanning, Dana Tulis, Daniel Odem, daniel.odem, Dave Mickunas, Dave Wright, David Bary, David Gray, David Neleigh, Dawn Ison, Debbie Dietrich, Deborah Ponder, Diane Taheri, Edwin Quinones, elizabeth.doomes, Eric Delgado, Eric Paisley, Eugene Lee, Gary Miller, Gary Moore, Gilberto Irizarry, Ivan Vikin, James Staves, Janie Acevedo, Jeannine Hale, jeff.meyers, Jeffrey Clark, Joe Schaefer, John Blevins, John Martin, Karen McCormick, Kenneth Buchholz, Kevin Mould, Laura Hunt, Lawrence Starfield, Lindsay.maloan, Lisa Boynton, Lourdes.Iturralde, Lynda Carroll, Maria Martinez, Mark Hansen, Mark Hansen, Markj Thomas, Matt Hubner, Matt Taylor, michele.laur, Miguel Flores, Mike McAteer, Minerva Rojo, Myron Knudson, Nancy Jones, Nicolas Brescia, Omar Martinez, Paige Delgado, Pam Phillips, Patrick Young, Paulette Johnsey, peggy.hatch, R6 DWH REOC PSC, Adam Adams, Althea Foster, Brandi Todd, Chris Perry, Chris Petersen, Christopher Ruhl, Craig Carroll, Donaldp Smith, Eric Delgado, Gary Moore, Greg Fife, James Staves, Jhana Enders, John Martin, Jon Rinehart, Mark Hansen, Mark Hayes, Mike McAteer, Nancy Jones, Nicolas Brescia, Paige Delgado, Rita Engblom, Roberto Bernier, Ronnie Crossland, Steve Mason, Susan Webster, Warren Zehner, William Rhotenberry, Richard Mayer, Richard Wayland, Ronnie Crossland, Ronnie Crossland, Sam Becker, Sam Coleman, Scott Hayes, Shane Hitchcock, Sherry Fielding, Stephen Gilrein, Steve Mason, Steve Page, Susan Webster, Susan Webster, Suzanne Murray, Terry Burton, Timothy Curry, Vernon Jackson, Warren Zehner, William Honker, William Luthans, Wren Stenger, Philip Turner, Christopher Ruhl, EOC Situation Unit, Valmichael Leos, Michele Conlon, Melinda McCoy, Janie Acevedo, Iantha Maness, Craig Clinton, Jean Bloom, Edwin Debiew

05/27/2010  
02:12 PM



## Deepwater Horizon Incident, Gulf of Mexico Region 6 REOC Update

**Subject:** **Region 6 Update # 30**  
**Deepwater Horizon Incident, Gulf of Mexico**  
**Date:** May 27, 2010  
**To:** Incident Command  
**Thru:** Planning Section  
**From:** Situation Unit  
**Operational Period:** May 25, 2010 0700 – May 28, 2010 0700  
**Reporting Period:** May 26, 2010 1300 – May 27, 2010 1300

### 1. Background

<b>Site Name:</b>	Deepwater Horizon Incident	<b>FPN#:</b>	N10036
<b>Mobilization Date:</b>	4/27/2010	<b>Start Date:</b>	4/28/2010

### 2. Current Situation

- The incident status summary as reported in the BP Situation Executive Summary as of 0600 on 5/27:
  - 15,336 personnel and 1,269 offshore vessels are currently responding to the incident.
  - Over 1.87 million feet of containment boom and 1.25 million feet of sorbent boom have been deployed.
  - Over 273,000 barrels of an oil-water mix have been recovered.
  - On 5/26, 7 controlled burns were conducted. A cumulative total of 74 controlled burns have been conducted.
  - On 5/26, BP began Top Kill operations.

- On 5/26, over 600 personnel performed cleaning operations in 8 impacted shoreline areas.

#### Summary of Dispersant Data (from UC Situation Executive Summary)

	TOTALS for 5/26 (gal.)	CUMULATIVE TOTALS as of 5/26 (gal.)
Surface	1,029	706,817
Subsurface	11,110	155,436

#### 2.1 (USCG) Incident Command Post (Houma, LA).

- On 5/26, the EPA Data Management Unit worked with BP to develop a process for managing BP SCAT, sampling, and analytical data. BP uploaded the first set of analytical data to the EPA SCRIBE database.
- On 5/26, EPA met with Louisiana Environmental Action Network (LEAN) to discuss the work being done by the Unified Command and the role of EPA in the ongoing response. EPA introduced LEAN to NOAA NRDA representatives and met with BP PIO.
- On 5/26, the EPA Data Management Unit processed 3 SMART surface dispersant sampling runs and posted the reports to the NOAA FTP Site.

#### 2.2 (USCG) Area Command Post (Robert, LA)

- On 5/26, EPA and USCG jointly signed an addendum to the directives to BP, requiring a reduction in dispersant use.
- On 5/26, EPA discussed waste management issues concerning the oil spill response with BP. EPA plans to review the Unified Command Waste Management Plan and provide comments within the next 2 days.

#### 2.3 Air Monitoring/Sampling

- EPA continues to conduct air monitoring and sampling in Venice operations area (VOCs and Particulates):
  - Venice, LA - 29.25274 N, 89.35750 W - V02;
  - Boothville, LA - 29.31449 N, 89.38433 W - V03;
  - Fort Jackson, LA - 29.35699 N, 89.45487 W - V05.
- EPA continues to conduct air monitoring and sampling in Chalmette operations area (VOCs and Particulates):
  - Poydras, LA - 29.86609, -89.89108 - C02 - located at Fire Station number 8;
  - Chalmette, LA - 29.96082, -90.00132 - C04 - located at FireStation on Aycok St.
  - Hopedale, LA, - 29.84049, -89.68980 - C05 - located at Fire Station number 11.
- Each air monitoring location has 4 pieces of air equipment:
  - EBAM (Particulate Monitors) - equipment has replaced DataRAM's;
  - AreaRae/MultiRae - monitoring VOCs;
  - PQ200 - samples for PM2.5;
  - SUMMA Canisters per location - sample for VOCs.
- Air monitoring/sampling stations are monitored throughout the day (24 hours) for immediate reporting of any elevated VOC or particulate levels. The maximum reading is reported to the OSC at the Mobile Command Posts in Venice and Chalmette.
- Real-time air monitoring data from midnight to midnight each day is reviewed for field QA and uploaded into SCRIBE by 1200 each day and available to EPA Headquarters, REOC, and external response partners.
- No air monitoring exceedences were noted during this reporting period.

#### EPA summary of air monitoring/sampling activities:

Air Monitoring & Samples	DataRAM (PM10)	AreaRae	SUMMA Canisters	PM2.5	TOTALS FOR 5/26
Venice	3 locs/24-hr	3 locs/24-hr	3	3	6
Chalmette	3 locs/24-hr	3 locs/24-hr	3	3	6
TOTAL TO DATE	6 locs/24-hr	6 locs/24-hr	277	156	

\*QAQC samples not included in sample count

#### 2.4 Water/Sediment Sampling

- EPA continues to conduct water sampling at locations provided by EPA Headquarters and selected through National Coastline Condition Assessment (NCCA) program. The NCCA sample locations are sampled every four years by state agencies with U.S. Coastlines. Sample parameters and locations were also selected in coordination with the EPA Region 6 Water Quality Division.
- Representatives from the Water Division and the REOC Environmental Units from R6 and R4 conduct a conference call three times a week with the HQ EOC to discuss the coordination and consistency of water and sediment sampling across the Deepwater Horizon Incident Response.
- On 5/26, the Cocodrie Water Operations Team conducted operations in the Terrebonne, Timbalier, and Barataria Bays areas. The team traveled to the Whiskey and Timbalier Islands; however, the team did not encounter enough oil to meet the criteria established for collecting samples during the morning. Severe weather conditions within the project area forced the team to discontinue boat operations prior to locating impacted areas.
- On 5/26, the Venice water operations team collected samples from areas heavily impacted by oil near the Southeast Pass and Pass

A Loutre areas. The team collected 4 water samples from locations west of Venice, LA. Additionally, 1 oil sample was collected.  
**EPA summary of water/sediment activities:**

Water/Sediment Samples	Water	Sediment	TOTALS FOR 5/26
Venice	5	0	5
Chalmette	0	0	0
<b>TOTAL TO DATE</b>	144	71	

\*QAQC samples not included in sample count

## 2.5 TAGA

- On 5/26, TAGA performed mobile monitoring for oil dispersant indicator compounds, OD-00 and OD-27, in Southern LA from the Stennis Space Center to Port Fourchon, LA and Grand Isle, LA. All observed OD-00 and OD-27 indicator compounds were associated with a point source.
- TAGA plans to perform mobile monitoring for oil dispersant indicator compounds, OD-00 and OD-27, on 5/27 in Southern LA from Slidell, LA to Hopedale, LA and Delacroix, LA. EPA Region 6 personnel and members of non-governmental environmental organizations are also traveling with the TAGA.

## 2.6 ASPECT

- On 5/26, ASPECT documented oil on the beaches of Grand Isle and reported that oil appeared heavier at the western end of the island. Cleanup crews were working in the Grand Isle area. ASPECT also reported oil on the beaches of Elmers Island, East Timbalier Island, and the Grand Terre Islands. ASPECT noted heavy oil approximately 80 miles south west of Chalmette, LA. ASPECT passed all of this information to the EPA Incident Commander for operational planning.
- On 5/26, ASPECT collected data on emissions from a controlled burn. The data is currently being evaluated.
- On 5/26, ASPECT noted that after the BP siphon ship moved away from the rig area, mudding fluids from the attempted sealing operations were visible at the surface.
- On 5/27, ASPECT reported the presence of oil on water approximately 10 miles south of Long Beach, LA. ASPECT also reported oil on shore and on water at approximately 10 miles west of Venice, LA and on the western shore of East Bay.

## 2.7 Water Quality Protection Division Update

- A Water Quality Protection Division situation update is attached.

## 3. EPA Assets

### 3.1 Current Assets Deployed

- Activated in Dallas, TX
  - REOC activated
  - SRICT activated
  - RRT activated

## Deployed Personnel

	Dallas,		Robert,	Houma,	New	Chalmette,	Venice,	Slidell,	
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Personnel	TX		LA	LA	Orleans, LA	LA	LA	LA	TOTALS
EPA									
- OSC	3			1		3	1		8
- RSC	5		1	1					7
- PIO			3						3
- Other	3		2	1	1				7
START	5					13	15		33
ERT Contractor									
TAGA Personnel								5	5
ASPECT Personnel								4	4
Other									
TOTALS	16		6	3	1	16	16	9	67

Equipment	Dallas, TX		Robert, LA	Houma, LA	New Orleans, LA	Chalmette, LA	Venice, LA	Slidell, LA	TOTALS
Mobile Command Post							1		1
ASPECT								1	1
TAGA Bus								1	1
LRV			1			1			2
Gooseneck Trailer							1		1
20 KW Generator							1		1
Dually Truck (R7)						1			1
Boat (R7)						1			1

#### 4. Daily Cost Estimates

13.12%						\$600,610			
Louisiana Total	\$367,942	\$177,705	\$3,003,195	\$3,548,842	\$3,718,712	\$5,178,429	\$1,028,977	\$166,174	6

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